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HDBaseT 2Gang Multi-Format Wall Plate

HDMI, VGA with Audio, RS232 Control and Remote Power Flexibility

S-H-HDVA-2T

USER MANUAL

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HDBaseT 2Gang Multi-Panel Wall Plate

The CWP-H-HDVRS-2T is a 2 gang multi-input wall plate with HDBaseT CAT extension. Its ability to convert VGA with audio to HDMI locally and transmit the signal up to 230ft sets this unit apart from the competition. The auto selection between VGA and HDMI inputs allows either the VGA or HDMI inputs with an active signal to be selected for transmission across the HDBaseT connection automatically.

The CWP-H-HDVRS-2T also has a front panel button that allows the users to switch between the VGA and HDMI inputs when both inputs are connected with an active video source. In this configuration, the HDMI input has priority over the VGA input after a power reset.

The CWP-H-HDVRS-2T can be powered either by a local DC power adapter or remotely via the HDBaseT connection.

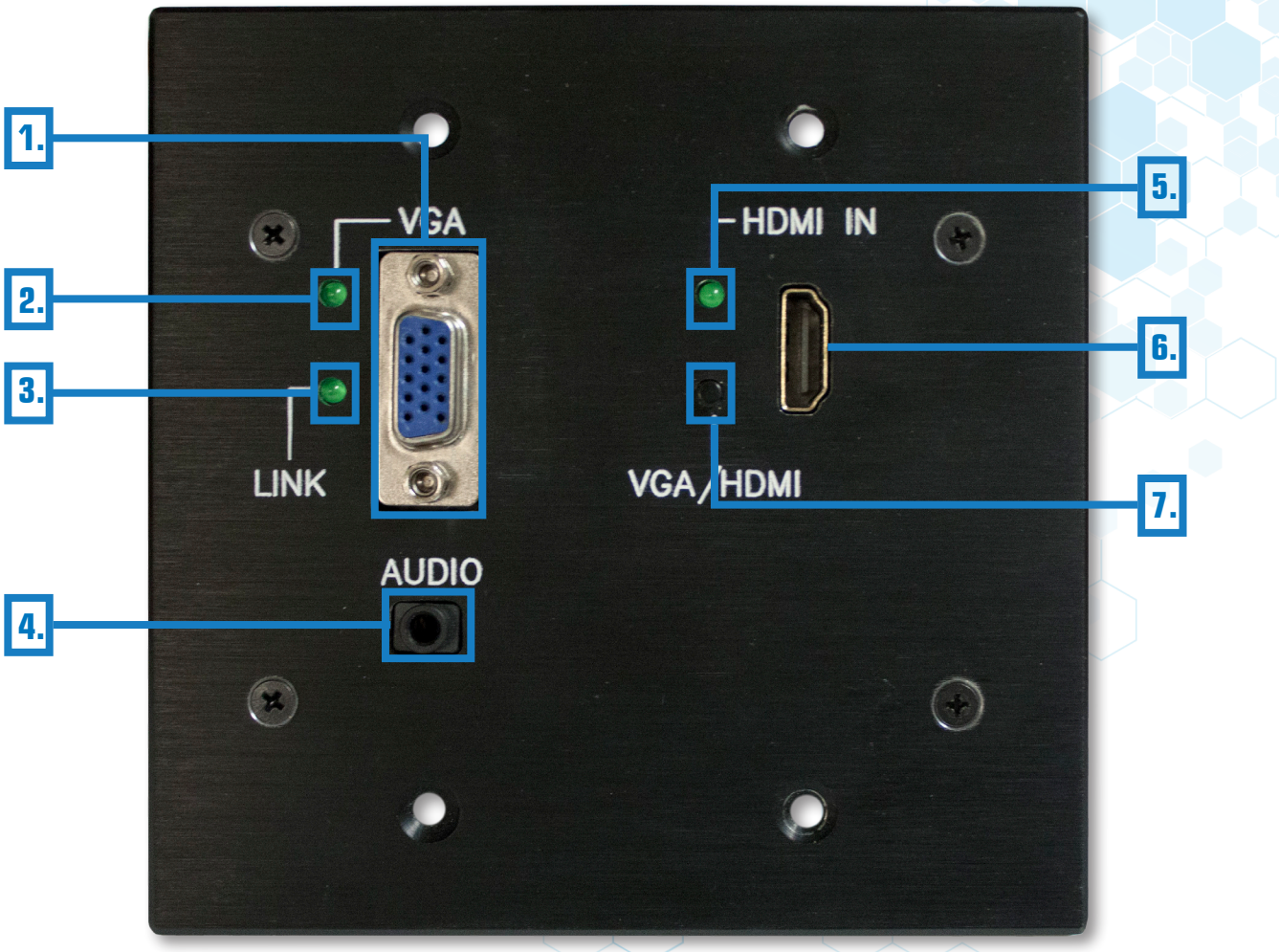
PACKAGE CONTENTS

- 1×MVP-VH-T-S1
- 1×24V 1A DC power adapter

FEATURES

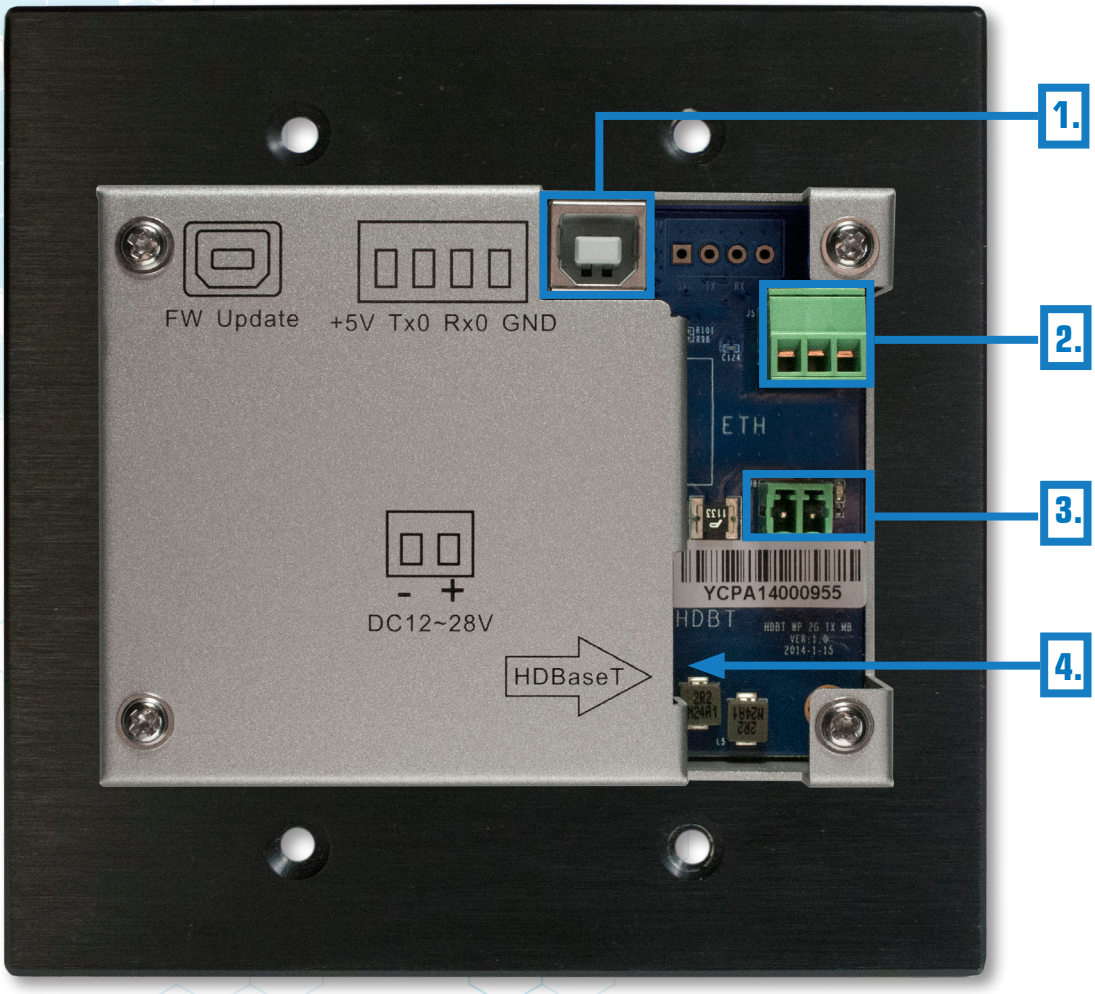
- Transmit VGA with Audio or HDMI up to 1080p@60Hz 36bit up to 230ft over one Cat 5e/6/7 cable
- Support HDMI 4K x 2K (30hz) and 3D
- HDCP Compliant
- Pass through EDID for VGA and HDMI
- Auto switching of output for either VGA or HDMI input;
- Button and RS232 control for signal switching between VGA and HDMI inputs,RS232 command could be sent by local RS232 port or through the HDBaseT receiver
- Remotely or Locally Powered
- Status LED for all connections on front
- US 2 GANG and European standard

PANEL DESCRIPTION



FRONT PANEL

1. VGA Input: Connect to VGA source.
2. VGA Indicator: LED blinking = VGA signal input detected; LED solid = VGA input is the active output.
3. LINK LED for HDBT connection: LED blinking means cat cable connection available; LED always on means there is video signal input and output.
4. Analog Audio Input: Connect to audio source.
5. HDMI Indicator: LED blinking = HDMI signal input detected; LED solid = HDMI input is the active output.
6. HDMI Input: Connect to HDMI source.
7. Signal Switch Button: Press to change the input signal between VGA and HDMI.



REAR PANEL

1. Firmware Update USB port
2. RS232 Port
3. Power input
4. HDBaseT CATX

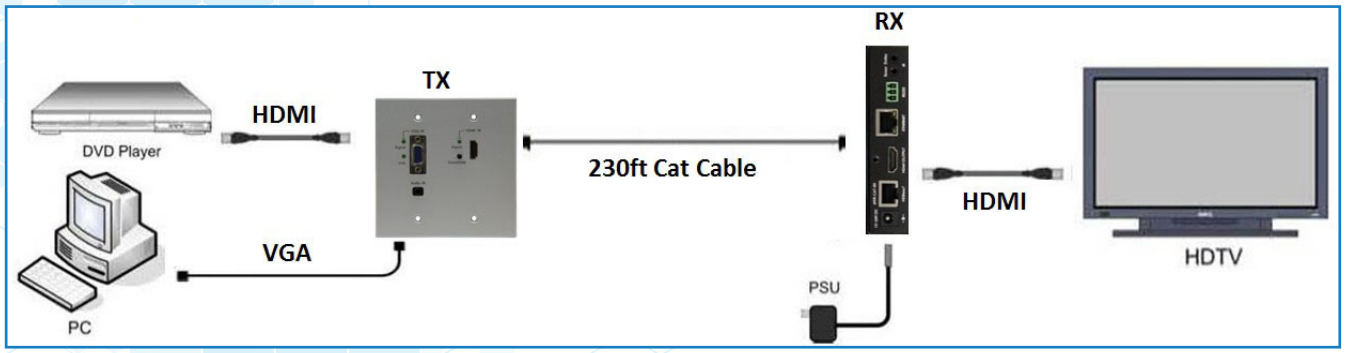
Commands

& - Command, $ - Query, ^ Response
<cr> = 0x0D Hex / 13 Decimal

Command	String	Information	Example	Example String	Example Response
Route Command	&Ra<cr>	A=V or H; V mean VGA, H mean HDMI.	Route VGA Input to HDBT Output	&RV<cr>	^RV<cr> OR No VGA Signal Input
Query Active Route	$R<cr>			$R<cr>	^RV<cr>
Baud Rate Setup Command	&Bab<cr>	a=baud 600,19200,38400 b=bits,parity, s top=8N1,8E1,801	Set RS232 Port Baud Rate to 96008N1	&B96008N1<cr>	^B96008N1<cr>
Query Baud Rate	$B<cr>		Response shows 38400 8N1	$B<cr>	^B384008N1<cr>
Query Firmware	$FM<cr>		Response shows 38400 8N1	$FM<cr>	^FM-1.0.0<cr>

Note:

If the command could be sent by local RS232 port or remote HDBaseT receiver RS232 port, the response string will be sent back to the RS232 port accordingly.



Specification

Video	
HDMI Compliance	HDMI 3D
VGA Compliance	VESA
HDCP Compliant	Yes
Distance	Up to 230ft on CAT6a UTP
Max Resolution	HDMI:4K x 2K under 130ft
Color Depth	HDMI:36bit
Connectors	
Connectors	(1) HDMI in,(1)VGA, (1)DC3.5,(1)Cat
Mechanical	
Dimensions	US:2 GANG European: 172 x 86 mm
Weight	0.49lbs[220g]
Power	
Power Supply	24V 1A
Environmental	
Operation Temperature	32~131°F [0~55°C]
Storage Temperature	-4~185°F [-20~85°C]
Relative Humidity	5~95% RH [no condensation]

SAFETY INFORMATION

To reduce the risk of electric shock, do not expose this product to rain or moisture.

Do not modify the wall plug. Doing so will void the warranty and safety features.

If the wall plug does not fit into your local power socket, hire an electrician to replace your obsolete socket.

This equipment should be installed near the socket outlet and the device should be easily accessible in the case it requires disconnection.